Index of Claims

Application/Control No.

10/789,465

Examiner

Quang Nguyen, Ph.D.

Applicant(s)/Patent under Reexamination

RAO ET AL.

Art Unit

1633

| <b>√</b> | Rejected |
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| 1        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| Α | Appeal   |
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| o | Objected |

| Clai        | m        |  | Date   | •              |                 | ]::::    | Cla            | im       |          |                    |         | Date            |                         |         |                    |   | Cla   | aim        |                |               | - 1      | Date         | е        |  |           |          |
|-------------|----------|--|--|----------------|-----------------|----------|----------------|----------|----------|--------------------|---------|-----------------|-------------------------|---------|--------------------|---|-------|------------|----------------|---------------|----------|--------------|----------|--|-----------|----------|
| ल           | nal      | 12   |  |                |                 |          | ਫ਼             | nal      |          |                    |         |                 |                         |         |                    |   | al    | nal        |                |               |          |              |          | $\prod$  |           |          |
| Final       | Original | 05   |  |                |                 |          | Final          | Original |          |                    |         |                 |                         |         |                    |   | Final | Original   |                |               |          |              |          |  |           |          |
| $\vdash$    | 1        | 24   | ┡╂┈╂   |                |                 | ł        | _              | 51       | +        | ╁                  | +       | $\vdash$        | +                       | ╁       | +                  |   |       | 101        | $\vdash$       | +             | ⊢        | <del> </del> | $\vdash$ | $\vdash \vdash$                                  | $\dashv$  | $\dashv$ |
| 1           | 2        | $\frac{Y}{Y}$                                      | <del>                                     </del> |                |                 | l        | -              | 52       | -        | ╁                  | +       | Н               | $\dashv$                | ╁       | +-1                |   |       | 102        | $\vdash$       | -             | $\vdash$ | -            | -        | $\vdash$   | $\dashv$  | $\dashv$ |
|             | 3        | +  | <del>                                     </del> |                | $\dashv$        | ı        |                | 53       |          | +                  | +       | H               | -                       | ╅       | +                  |   |       | 103        | -              |               | $\vdash$ | $\vdash$     | $\vdash$ | $\vdash$   | $\dashv$  |          |
|             | 4        | <b>7</b>   |  | $\neg$         |                 |          |                | 54       |          | ╅                  | 1       |                 | _                       | +       | $\vdash$           |   |       | 104        | П              |               | Т        | ┢            | $\vdash$ | $\sqcap$   | $\exists$ |          |
|             | 5        | 7  |  |                |                 |          |                | 55       |          |                    |         | П               |                         | 1       |                    |   |       | 105        | $\Box$         | $\neg$        | Г        | _            |          | П  | コ         |          |
|             | 6        |  |  |                |                 |          |                | 56       |          |                    |         |                 |                         |         |                    |   |       | 106        | П              | $\neg \vdash$ |          |              |          | $\sqcap$   | $\Box$    |          |
|             | 7        |  |  |                |                 |          |                | 57       |          | $\perp$            |         | Ш               |                         |         |                    |   |       | 107        |                |               |          |              |          | $\Box$   |           |          |
|             | 8        | 444  |  |                |                 |          |                | _58      |          | ┸                  |         | Ш               |                         |         |                    |   |       | 108        |                |               |          |              |          |  |           |          |
|             | 9        | -  | -  |                |                 |          | $\Box$         | 59       | _        | 4                  |         | $\sqcup$        |                         | _       | Ш                  |   |       | 109        |                |               |          |              |          | Ш  | $\Box$    |          |
|             | 10       |  |  |                |                 |          |                | 60       | _        | +                  | -       | Ш               | +                       | $\bot$  | $\perp \perp$      |   |       | 110        | Ш              |               | ļ        |              | Ш        | Н  |           |          |
|             |          | 7  |  |                | $\vdash \vdash$ | 4        | $\vdash$       | 61       | $\dashv$ | +                  | +       | $\vdash \vdash$ | +                       | +       | 4                  |   |       | 111        | $\vdash$       | $\dashv$      | 1—       | <u> </u>     | Щ        | $\vdash$   |           |          |
|             | 12<br>13 | 4  | <del>                                     </del> |                |                 |          | $\vdash\vdash$ | 62<br>63 | +        | +                  | +-      | $\vdash \vdash$ | -                       | +       | +                  |   |       | 112        | $\vdash\vdash$ | - -           |          |              |          | $\vdash \vdash$                                  | $\dashv$  | _        |
|             | 14       | ++-  | <del>     </del>                                 | $\dashv$       |                 | H        |                | 64       | +        | +                  | +       | $\vdash \vdash$ | +                       | +       | +-1                |   |       | 113<br>114 | -              |               | -        | -            | -        | $\vdash$   | $\dashv$  | _        |
|             | 15       | ++-+   | <del>                                     </del> | +              |                 | ł        |                | 65       | +        | +                  | +       | $\vdash \vdash$ | $\dashv$                | +       | +                  |   |       | 115        | $\vdash$       | +             | +        | -            | $\vdash$ | $\vdash$   | $\dashv$  |          |
|             | 16       | +  | <del>                                     </del> |                | -               | ۱        | $\vdash$       | 66       | $\dashv$ | +                  | +       | $\vdash$        | $\dashv$                | +       | +                  |   |       | 116        | $\vdash$       | $\dashv$      | 1        | -            | $\vdash$ | $\vdash$   | $\dashv$  |          |
|             | 17       | +  |  |                |                 |          |                | 67       | $\dashv$ | +                  | +       | -               | _                       | ╅       |                    |   |       | 117        | $\vdash$       |               | $\vdash$ |              | H        | $\vdash$   | $\dashv$  | _        |
|             | 18       | 11   |  |                |                 | 1        |                | 68       | $\dashv$ | $\top$             | T       |                 | $\dashv$                | $\top$  | +-                 |   |       | 118        | $\vdash$       | $\dashv$      | T        |              | H        | $\sqcap$   | $\dashv$  | $\neg$   |
|             | 19       |  |  |                |                 | 1        |                | 69       |          | 1                  | 1       |                 | _                       | ╅       | $\Box$             |   |       | 119        |                | $\neg$        | $\vdash$ |              | П        | 一  | $\dashv$  |          |
|             | 20       |  |  |                |                 | ]        |                | 70       |          |                    |         |                 |                         |         |                    |   |       | 120        |                |               | Т        | Г            |          | $\Box$   | ヿ         |          |
|             |          | <b>V</b>   |  |                |                 | ]        |                | 71       |          |                    |         | П               |                         |         |                    |   |       | 121        |                |               | П        |              |          | $\sqcap$   | $\neg$    |          |
|             | 22       | N  |  | $\bot$         |                 |          |                | 72       |          |                    |         |                 |                         |         |                    |   |       | 122        |                |               |          |              |          |  | $\Box$    |          |
|             | 23       | 4  |  |                | $\perp$         |          |                | 73       |          |                    |         | Ш               |                         |         | Ш                  |   |       | 123        |                | _             | <u> </u> |              |          | Ц  |           |          |
|             | 24       | 4  |  |                |                 |          |                | 74       |          | - -                | $\bot$  |                 |                         |         | $\square$          |   |       | 124        |                |               | <u> </u> |              |          | $\sqcup$   | _         |          |
| <b> </b>    | 25       | N  | $\vdash$   |                |                 |          |                | 75       |          | - -                | +-      |                 |                         | -       | $\perp \perp$      |   |       | 125        |                | _             | Ь.       |              |          | $\vdash \vdash$                                  | _         |          |
| <del></del> | 26<br>27 | 4  |  |                | $\vdash$        | ł        | -              | 76<br>77 | -        | +                  | ┿       | Н               | +                       | -       | +                  |   |       | 126        |                |               | -        | _            | Ш        | $\vdash$   | -         | _        |
|             |          | 7  | <del>   - </del>                                 |                |                 | ł        |                | 78       | -        | ╁                  | -       | H               | +                       | ╁       | +                  |   |       | 127<br>128 |                | +             | ├        | -            | $\vdash$ | $\vdash$   | $\dashv$  | _        |
|             | 29       | 7  |  |                | -               | ł        |                | 79       |          | ╁                  | +       | $\vdash$        | $\dashv$                | +       | +                  |   |       | 129        |                | +-            | ╂        | -            | -        | $\vdash$   | ┥         | _        |
|             | 30       | +  | <del>   - </del>                                 | -              |                 |          |                | 80       | -+       | +-                 | -       | H               | $\dashv$                | +       | +-1                |   |       | 130        |                |               | 1-       |              |          | $\vdash$   | $\dashv$  | _        |
|             | 31       | 11   | <del>       </del>                               | $\top$         |                 |          |                | 81       | $\top$   | $\top$             | 1-      | $\vdash$        | +                       | +       | $\Box$             |   |       | 131        | $\vdash$       | _             | ┢        | $\vdash$     | H        | $\vdash$   | $\dashv$  | _        |
|             | 32       | 11-1-  |  |                |                 | 1        |                | 82       | 十        | T                  | 1       | П               | 一                       | 1       |                    |   |       | 132        |                | $\neg$        | T        |              |          | П  | $\neg$    | _        |
|             | 33       |  |  |                |                 |          |                | 83       |          |                    |         | П               |                         |         |                    |   |       | 133        |                |               |          |              |          | П  | $\exists$ | _        |
|             | 34       |  | $\Box\Box$                                       |                |                 |          |                | 84       | $\Box$   |                    |         | $\square$       | $\Box$                  | $\perp$ |                    |   |       | 134        |                |               |          |              |          |  | コ         | _        |
|             | 35       |  | $\sqcup \sqcup \sqcup$                           | 4              |                 |          |                | 85       |          | 1                  | 1       | Ш               | $\perp \perp$           |         | ota                |   |       | 135        |                |               | 1        |              |          | Ц  | $\Box$    |          |
|             | 36       |  |  | $\perp$        |                 | <b></b>  |                | 86       | $\dashv$ | $\bot$             | _       | Ш               | _ _                     | 4       | $\perp \perp$      |   |       | 136        |                | _ _           | _        | Ш            | Ш        | Ш  |           |          |
|             | 37       |  |  |                | _               | <b> </b> |                | 87       | +        | +                  | 4-      | $\vdash \vdash$ |                         | +       | +                  |   |       | 137        | $\sqcup$       |               | ↓_       | _            | Щ        | $\vdash \downarrow$                              | _         |          |
|             | 38       |  | ┞╌╂╌┦  | $\dashv\dashv$ | - -             | łiii     | $\vdash$       | 88       |          | - -                | +-      | $\vdash$        |                         | +-      | +                  |   |       | 138        | -              |               | ₩        | _            | Ш        | <del>                                     </del> |           | _        |
|             | 39<br>40 | ++-  | ┝╌┼╌┤  | $\dashv\dashv$ |                 |          |                | 89<br>90 | +        | +                  | +-      | $\vdash \vdash$ | +                       | +       | +-1                |   |       | 139<br>140 | $\vdash$       | -             | ┰        | -            | $\vdash$ |  | $\dashv$  | _        |
|             | 41       | <del>-     -   -   -   -   -   -   -   -   -</del> | <del>├</del>                                     | $\dashv$       | -               |          |                | 91       | -        | +-                 | +       | $\vdash$        | +                       | +-      | +-                 |   |       | 141        | $\vdash$       | $\dashv$      | ╢        | -            | $\vdash$ | $\vdash \vdash$                                  | $\dashv$  |          |
| -           | 42       |  | <del> - - </del>                                 | +              | +               |          | $\vdash$       | 92       | +        | +                  | +       | $\vdash$        | +                       | +       | +-                 |   |       | 142        | $\vdash$       | $\dashv$      | $\vdash$ |              | $\vdash$ | $\vdash \vdash$                                  | $\dashv$  | _        |
|             | 43       | 11   | <del>                                     </del> | $\neg$         |                 |          |                | 93       | $\dashv$ | +                  | 1       | $\vdash$        | $\dashv$                | +       | +-1                |   |       | 143        | $\dashv$       | $\dashv$      | 1        |              | $\vdash$ | 一  | ᅱ         | _        |
|             | 44       | 7  |  |                | $\neg \vdash$   | 1        |                | 94       | $\dashv$ | 1                  | 1       | H               | +                       | +-      | 1                  |   |       | 144        | $\Box$         | _             | † -      | 1            | Н        | 一  | $\dashv$  |          |
|             | 45       |  |  | $\neg \neg$    | $\Box$          | 1        |                | 95       | $\top$   | 十                  | 1       | П               | 十                       | $\top$  | -                  |   |       | 145        | $\Box$         |               | 1        |              | П        | $\sqcap$   | $\dashv$  |          |
|             | 46       |  |  |                |                 | ]        |                | 96       |          |                    |         |                 |                         |         |                    |   |       | 146        |                | $\dashv$      | 1        |              | П        | $\Box$   |           |          |
|             | 47       |  |  |                |                 |          |                | 97       |          | Τ                  |         |                 | $oldsymbol{\mathbb{T}}$ | $\top$  |                    |   |       | 147        |                |               |          |              |          |  | $\Box$    |          |
|             | 48       | $\perp \perp \perp =$                              |  |                |                 |          |                | 98       | $\Box$   | $oldsymbol{\perp}$ |         | Ш               | $\Box$                  | 工       |                    |   |       | 148        |                |               |          |              |          | $\Box$   |           |          |
|             | 49       | $\bot$   |  |                |                 |          |                | 99       | $\perp$  |                    | $\perp$ | Ш               | $\perp$                 | 1       | $oldsymbol{\perp}$ |   |       | 149        |                |               |          |              |          | П  | $\Box$    |          |
|             | 50       |  |  |                | L_              |          |                | 100      |          | 1                  |         | $\sqcup$        | $\perp$                 | 1       |                    | [ |       | 150        | l I            |               | 1        |              |          | iΙ   | [         |          |